



STIC Search Report

EIC 2600

STIC Database Tracking Number: 170302

TO: Phylesha L Dabney
Location: ~~KNX-6~~ D68
Art Unit : 2646
Thursday, November 03, 2005

Case Serial Number: 10/610284

From: Samir Patel
Location: EIC 2600
KNX-8B68
Phone: 571-272-3537

Samir.patel@uspto.gov

Search Notes

Dear Examiner,

Attached are the search results (from commercial databases) for your case.

Tags mark the patent/articles, which might be of interest. After you review all records including tagged and untagged records, if you wish to order the complete text of any record, please submit request(s) directly to the STIC-EIC 2600 Email Box.

Please call if you have any questions or suggestions, and I have enclosed a Search Results Feedback Form to facilitate further comments or suggestions.

Thanks

Samir Patel

File 348:EUROPEAN PATENTS 1978-2005/Oct W04

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File 349:PCT FULLTEXT 1979-2005/UB=20051027,UT=20051020

(c) 2005 WIPO/Univentio

Set	Items	Description
S1	7741	HEAR??? (3N) (AID?? OR DEVIC??)
S2	163228	MICROPHON?? OR SPEAKER?? OR AMPLIFIER??
S3	43452	IDENTIFICATION?? (3N) (UNIT?? OR DEVIC?? OR EQUIPMENT?? OR T- ERMINAL?? OR APPARATUS??) OR (CONFIGURATION?? OR SPECIFICATIO- N??) (3N) DATA
S4	538652	MEMORY?? OR STORAGE??
S5	569702	COMPARATOR?? OR FILTER?? OR LOGIC??
S6	38	AU=(WEINFURTNER O? OR WEINFURTNER, O?)
S7	1	S1(S) S2(S) S3(S) S4(S) S5
S8	3	S1(S) S2(S) S3(S) S4
S9	2	S8 NOT S7
S10	6	S1(S) S2(S) S3
S11	3	S10 NOT S8
S12	0	S6 AND S1 AND S3

7/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00634193

Medical information processing system for supporting diagnosis.

System zur Verarbeitung von medizinischen Daten zur Unterstutzung der Diagnose

Système de traitement d'informations médicales pour assistance diagnostique

PATENT ASSIGNEE:

KABUSHIKI KAISHA TOSHIBA, (213130), 72, Horikawa-cho, Saiwai-ku,
Kawasaki-shi, Kanagawa-ken 210-8572, (JP), (Proprietor designated
states: all)

INVENTOR:

Taguchi, Katsuyuki, 3-19, Saiwaimachi Nishinasunochō, Nasugun, Tochigiken
, (JP)

Yamada, Shinichi, 2637-3 Yakushiji Ooaza Minamikawachimachi, Kawachigun,
Tochigiken, (JP)

Ema, Takehiro, 8/6 S. Adans St., G100 Westmont, IL 60559, (US)

LEGAL REPRESENTATIVE:

Blumbach, Kramer & Partner GbR (101302), Radeckestrasse 43, 81245 Munchen
, (DE)

PATENT (CC, No, Kind, Date): EP 616290 A2 940921 (Basic)
EP 616290 A3 950906
EP 616290 B1 030205

APPLICATION (CC, No, Date): EP 94102996 940228;

PRIORITY (CC, No, Date): JP 9339996 930301; JP 9348366 930309; JP 9384296
930412; JP 93177859 930719; JP 93178934 930720; JP 93182319 930723

DESIGNATED STATES: DE; NL

RELATED DIVISIONAL NUMBER(S) - PN (AN):

EP 973116 (EP 99119619)

INTERNATIONAL PATENT CLASS: G06F-019/00

ABSTRACT WORD COUNT: 78

NOTE:

Figure number on first page: 9

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF2	1361
CLAIMS B	(English)	200306	426
CLAIMS B	(German)	200306	448
CLAIMS B	(French)	200306	501
SPEC A	(English)	EPABF2	66618
SPEC B	(English)	200306	65945
Total word count - document A			67992
Total word count - document B			67320
Total word count - documents A + B			135312

...SPECIFICATION table showing types of data included in the examination request information.

FIG. 39 is a **configurational** diagram showing the workstation (WS).

FIG. 40 is a table showing the abnormality detecting means...unit (DB-IOD) 3e, an image storing magnetic disk unit (DB-IHD) 3f, a block **memory** (DB-BLKM) 3g, an input unit (DB-INPUT) 3k, and an image input unit (DB...

...optical disk unit 3e by using a magnetic disk as a storing medium. A block **memory** 3g temporarily memorizes an image or annexed information

by using a semiconductor **memory** as a storing medium. The input unit 3k, for example a keyboard, a touch screen...

...processing unit (WS-CADP) 4e, an image storing unit (WS-IM) 4f, an imaging frame **memory** (WS-IFM) 4g, an image display manager (WS-IDM) 4h, an information search unit (WS...order information to be referred to in the typical disease example image. The imaging frame **memory** 4g temporarily memorizes an image by using a semiconductor **memory** as a storing medium.

The image display manager 4h is constituted as shown in Fig. 21.

The image bus 4l is connected with an overlay portion 44 through an image **memory** 42. The control bus 4k is also connected with the overlay portion 44 through a control portion 40, an overlay data making portion 41, and an overlay **memory** 43, in order. Furthermore, the overlay portion 44 is connected with the image display 4i through a displaying **memory** 45 and a D/A converter 46, in order.

An uninterpreted image, a previous image...

...the image bus 4l to be sent to the overlay portion 44 through the image **memory** 42. Furthermore, overlay display information concerning such uninterpreted image is inputted from the control bus...

...an abnormality). This overlay data are sent to the overlay portion 44 through an overlay **memory** 43a. The overlay portion 44 synthesizes the uninterpreted image with the overlay data to produce...

...image, which is displayed on the image display unit 4i through any of the displaying **memory** 45 and D/A converter 46. Furthermore, the previous images or typical disease example image are respectively sent to the other displaying **memory** 45 through the overlay portion 44 and displayed on the image display unit 4i through...input unit 2J, and a display unit 2K.

The control unit 2C contains a system **memory** such as a CPU, a semiconductor **memory**, or the like, and controls operations of the entire image acquisition unit. The system disk...

...image data outputted from the X-ray machine 2F by using, for example, a semiconductor **memory** or a magnetic disk as a storing medium. The CAD processing unit 2H is identical...

9/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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00421909

Hearing-aid with data memory.
Hörgerät mit einem Datenspeicher.
Prothese auditive avec memoire pour donnees.

PATENT ASSIGNEE:

SIEMENS AKTIENGESELLSCHAFT, (200520), Wittelsbacherplatz 2, W-8000
München 2, (DE); (applicant designated states:
AT;CH;DE;DK;FR;GB;IT;LI;NL)

INVENTOR:

Martin, Raimund, Dipl.-Ing., Jaminstrasse 3, W-8520 Erlangen, (DE)
Wagner, Jürgen, Dipl.-Ing. (FH), Tiefenklein 2, W-8643 Kups, (DE)

LEGAL REPRESENTATIVE:

Fuchs, Franz-Josef, Dr.-Ing. et al (3891), Postfach 22 13 17, W-8000
München 22, (DE)

PATENT (CC, No, Kind, Date): EP 480097 A1 920415 (Basic)

APPLICATION (CC, No, Date): EP 90119638 901012;

PRIORITY (CC, No, Date): EP 90119638 901012

DESIGNATED STATES: AT; CH; DE; DK; FR; GB; IT; LI; NL

INTERNATIONAL PATENT CLASS: H04R-025/00;

TRANSLATED ABSTRACT WORD COUNT: 97

ABSTRACT WORD COUNT: 70

LANGUAGE (Publication,Procedural,Application): German; German; German

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(German)	EPBBF1	765
CLAIMS B	(English)	EPBBF1	350
CLAIMS B	(German)	EPBBF1	248
CLAIMS B	(French)	EPBBF1	387
SPEC A	(German)	EPBBF1	1935
SPEC B	(German)	EPBBF1	2078
Total word count - document A			2700
Total word count - document B			3063
Total word count - documents A + B			5763

...ABSTRACT Translated)

In a hearing aid having a **microphone** (3), an **amplifier** (5, 7), an earphone (8) and having at least one data **memory** (14, 30), it should be possible to determine detailed **hearing aid** features more easily, particularly in a large number. For this purpose, the data **memory** (14) forms a part of an identification device (15, 27; 29) and stores at least one **hearing aid** feature which can be output for identifying the **hearing aid** (1; 28) via an output means (8; 31; 32) of the **identification device**, which is associated with the **hearing aid**.

...CLAIMS B1

1. **Hearing aid** having a **microphone** (3), an **amplifier** (5, 7), an earphone (8) and a **device** for identifying the **hearing aid** (1; 28), which **identification device** comprises a data **storage** (14) in which at least one **hearing aid** feature is stored, wherein, with the **aid** of the stored **hearing aid** feature, there can be determined the **hearing aid** features of the respective **hearing aid** which are required for matching the **hearing aid** to the respective **hearing** impairment of the user who will be wearing the **hearing aid**, characterised in that the stored **hearing aid** feature can be output in a wireless manner by way of at least one

output means (8; 31; 32) of the **identification device** (27; 29) of the **hearing aid** when an externally generated control signal is supplied to the **hearing aid**, and this control signal has a coding for outputting the **hearing aid** feature, and in that the control signal generated from a transmitter (2) known per se is a sound signal and can be supplied to the **identification device** (27; 29) of the **hearing aid** by way of the **microphone** (3) of the **hearing aid** (1; 28).

2. **Hearing aid** according to claim 1, characterised in that the earphone (8) of the hearing aid (1...

9/3,K/2 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01075447 **Image available**

SYSTEM FOR CARDIAC RESUSCITATION

SYSTEME DE REANIMATION CARDIAQUE

Patent Applicant/Inventor:

MATOS Jeffrey A, 132 Hillandale Drive, New Rochelle, NY 10804, US, US
(Residence), US (Nationality), (For all designated states except: US)

Legal Representative:

MILDE Karl F Jr (agent), Milde & Hoffberg, LLP, 10 Bank Street, Ste. 460,
White Plains, NY 10606, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 2003103765 A1 20031218 (WO 03103765)

Application: WO 2003US18542 20030611 (PCT/WO US03018542)

Priority Application: US 2002387990 20020611

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG
SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 134439

Fulltext Availability:

Detailed Description

Detailed Description

... download the information pertaining to any gap in the data/event sequence, from the data **storage** unit within the portable unit.

A master control circuit within the portable unit selects who...

...signals) from

the victim, the portable unit may be provided with a blood pressure measuring **device** (e.g., an automatic cuff for measuring systolic and diastolic pressure) of the victim; and...

11/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01437244

Group creation for wireless communication terminals
Gruppenerzeugung fur drahtlose Kommunikationsendgerate
Creation de groupes pour terminals de communication sans fils

PATENT ASSIGNEE:

Nokia Corporation, (2963881), Keilalahdentie 4, 02150 Espoo, (FI),

(Applicant designated States: all)

INVENTOR:

Eiden, Niko, Agricolankatu 11 B 15, 00530 Helsinki, (FI)

Ollikainen, Kimmo, Tunturikatu 10 A 6, 00100 Helsinki, (FI)

LEGAL REPRESENTATIVE:

Heikkinen, Esko Juhani et al (81922), Berggren Oy Ab P.O. Box 16, 00100
Helsinki, (FI)

PATENT (CC, No, Kind, Date): EP 1220501 A2 020703 (Basic)
EP 1220501 A3 031217

APPLICATION (CC, No, Date): EP 2001660224 011207;

PRIORITY (CC, No, Date): FI 202861 001227

DESIGNATED STATES: DE; FR; GB; NL

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04L-012/56; H04Q-007/38

ABSTRACT WORD COUNT: 176

NOTE:

Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200227	813
SPEC A	(English)	200227	4886
Total word count - document A			5699
Total word count - document B			0
Total word count - documents A + B			5699

...SPECIFICATION watches, credit cards, eyeglasses, identification badges, belts, waist packs, and shoe insert. Head-mounted PAN **devices** include headphones, **hearing aids**, **microphones**, and head-mounted displays. Shirt pocket PAN **devices** operate as **identification** badges. The wristwatch operates as a location for a display, a **microphone**, a camera, and a **speaker**. PAN devices incorporating sensors provide medical monitoring for bodily functions (heartbeat, blood pressure, and respiratory...

11/3,K/2 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01222266 **Image available**

PATIENT MONITORING, DIAGNOSIS, AND/OR THERAPY SYSTEMS AND METHODS
SYSTEMES ET PROCEDES DE SURVEILLANCE, DE DIAGNOSTIC ET/OU DE TRAITEMENT DE
PATIENT

Patent Applicant/Assignee:

CARDIAC PACEMAKERS INC, 4100 Hamline Avenue North, St. Paul, MN 55112, US
, US (Residence), US (Nationality), (For all designated states except:
US)

Inventor(s):

STAHMANN Jeffrey E, 4850 154th Lane N.W., Ramsey, MN 55303, US,
LEE Kent, 176 Christenson Court, Fridley, MN 55432, US,
HARTLEY Jesse W, 339 Linda Court, Lino Lakes, MN 55014, US,
NI Quan, 5812 Prairie Ridge Drive, Shoreview, MN 55126, US,
HATLESTAD John D, 2044 Edgerton Street, Maplewood, MN 55117, US,
ZHU Qingsheng, 3025 Valento Lane, Little Canada, MN 55117, US,
SIEJKO Krzysztof J, 9523 Kirkwood Way, Maple Grove, MN 55369, US,
Legal Representative:
HOLLINGSWORTH Mark A (agent), Crawford Maunu Pllc, 1270 Northland Drive,
Suite 390, St. Paul, MN 55120, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200528029 A2-A3 20050331 (WO 0528029)
Application: WO 2004US30787 20040917 (PCT/WO US04030787)
Priority Application: US 2003504229 20030918; US 2004798794 20040311; US
2004824941 20040415; US 2004824776 20040415; US 2004864287 20040609; US
2004920569 20040817; US 2004920675 20040817; US 2004920568 20040817; US
2004922351 20040819; US 2004922663 20040820; US 2004929826 20040830; US
2004929830 20040830; US 2004929306 20040830; US 2004930508 20040831; US
2004930346 20040831; US 2004930979 20040831; US 2004939586 20040913; US
2004939834 20040913; US 2004939711 20040913; US 2004939639 20040913; US
2004943077 20040915; US 2004943079 20040915; US 2004943071 20040915; US
2004943074 20040915; US 2004943070 20040915
Designated States:
(All protection types applied unless otherwise stated - for applications
2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 98449

Fulltext Availability:
Detailed Description

Detailed Description
... central and obstructive disordered breathing. The coordinated system
may include, for example, an implantable cardiac **device** 181 and a
patient-external respiratory therapy device 184. The system may further
include an...

11/3,K/3 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00532754 **Image available**
IMPLANTABLE DEVICE WITH OPTICAL TELEMETRY
SYSTEME IMPLANTABLE A TELEMETRIE OPTIQUE
Patent Applicant/Assignee:
INTERMEDICS INC,
Inventor(s):
PAULY Robert L,
BENDELE Travis H,
Patent and Priority Information (Country, Number, Date):

Patent: WO 9964106 A1 19991216
Application: WO 99US12589 19990604 (PCT/WO US9912589)
Priority Application: US 9896877 19980612

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

CA JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 4677

Fulltext Availability:

Detailed Description

Detailed Description

... become a standard method of treating various medical conditions, many of which relate to the **heart** . Examples of **devices** which are routinely implanted include pacemakers, defibrillators, and nerve stimulators. These devices and others which...

...the electrodes), instantaneous heart rate, blood pressure, volume 1 5 pumped, body temperature, etc., and **configuration data** such as mode of operation, **amplifier** sensitivity, filter bandwidth, and error messages. Often the device stores data that has been collected...

?

File 2:INSPEC 1898-2005/Oct W4
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File 6:NTIS 1964-2005/Oct W4
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File 8:Ei Compendex(R) 1970-2005/Oct W4
(c) 2005 Elsevier Eng. Info. Inc.

File 34:SciSearch(R) Cited Ref Sci 1990-2005/Oct W4
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File 35:Dissertation Abs Online 1861-2005/Oct
(c) 2005 ProQuest Info&Learning

File 65:Inside Conferences 1993-2005/Oct W5
(c) 2005 BLDSC all rts. reserv.

File 94:JICST-EPlus 1985-2005/Aug W4
(c)2005 Japan Science and Tech Corp(JST)

File 95:TEME-Technology & Management 1989-2005/Sep W4
(c) 2005 FIZ TECHNIK

File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Oct
(c) 2005 The HW Wilson Co.

File 144:Pascal 1973-2005/Oct W4
(c) 2005 INIST/CNRS

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group

File 603:Newspaper Abstracts 1984-1988
(c)2001 ProQuest Info&Learning

File 483:Newspaper Abs Daily 1986-2005/Nov 03
(c) 2005 ProQuest Info&Learning

File 248:PIRA 1975-2005/Oct W3
(c) 2005 Pira International

Set	Items	Description
S1	19892	HEAR??? (3N) (DEVIC?? OR AID??)
S2	442083	MICROPHON??? OR SPEAKER?? OR AMPLIFIER??
S3	45887	(IDENTIF????? OR IDENTIFICATION) (3N) (UNIT?? OR DEVIC?? OR - EQUIPMENT?? OR TERMINAL?? OR APPARATUS??) OR (CONFIGURA????? - OR SPECIFICATION??) (3N) DATA
S4	73596	(MANY OR MULTI OR MULTIPLE? ? OR NUMEROUS?? OR PLURAL?? OR PLURALIT?? OR SEVERAL? ? OR DIFFERENT?? OR BOTH?? OR TWO OR - DUAL??) (3N) (MEMOR?? OR STORAGE?? OR RAM OR ROM OR RANDOM(2N)A- CCESS(2N)MEMOR?? OR READ(2N)ONLY(2N)MEMOR?? OR EPROM OR EEPROM OR FEPROM)
S5	1414835	COMPARATOR?? OR FILTER?? OR LOGIC??
S6	25	S1 AND S4
S7	1	S6 AND (S2 OR S3)
S8	19	RD S6 (unique items)
S9	14	S8 NOT PY>2000

7/3,K/1 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2005 Inst for Sci Info. All rts. reserv.

01114316 Genuine Article#: FX440 No. References: 13

Title: A METHOD FOR THE GENERATION OF COMPLEX VIBROTACTILE STIMULI

Author(s): MORLEY JW; CRAWFORD EN; FERRINGTON DG; ARCHER JS; TURMAN AB;
ROWE MJ

Corporate Source: UNIV NEW S WALES, SCH PHYSIOL & PHARMACOL, POB
1/KENSINGTON/NSW 2033/AUSTRALIA/

Journal: JOURNAL OF NEUROSCIENCE METHODS, 1991, V38, N1, P47-50

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

...Abstract: computer-generated data points for each of the two component sine waves were downloaded to **two** banks of static **memory** in a **dual** synchronous arbitrary function generator. The data points in **memory** were fed to **two** 12-bit digital-to-analogue converters which sent the two analogue sine wave signals to a summing **amplifier** where the two sine waves were added. This method provides a complex waveform that can...

...phase drift between the component waves. Addition of the separate sine waves in a summing **amplifier** allows for easy alteration of the amplitude ratio of the sine waves. The output of the summing **amplifier** is sent to a feedback controlled mechanical stimulator, thereby allowing the stimulus to be presented...

Research Fronts: 89-2088 001 (TACTILE PRESENTATION OF VOICE
FUNDAMENTAL-FREQUENCY; SPEECH PATTERN CONTRASTS; PROFOUNDLY **HEARING**
-IMPAIRED CHILDREN; VIBROTACTILE **AID** ; VIBRATORY STIMULI)

?

File 2:INSPEC 1898-2005/Oct W4
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File 6:NTIS 1964-2005/Oct W4
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File 8:Ei Compendex(R) 1970-2005/Oct W4
(c) 2005 Elsevier Eng. Info. Inc.
File 34:SciSearch(R) Cited Ref Sci 1990-2005/Oct W4
(c) 2005 Inst for Sci Info
File 35:Dissertation Abs Online 1861-2005/Oct
(c) 2005 ProQuest Info&Learning
File 65:Inside Conferences 1993-2005/Oct W5
(c) 2005 BLDSC all rts. reserv.
File 94:JICST-EPlus 1985-2005/Aug W4
(c)2005 Japan Science and Tech Corp(JST)
File 95:TEME-Technology & Management 1989-2005/Sep W4
(c) 2005 FIZ TECHNIK
File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Sep
(c) 2005 The HW Wilson Co.
File 144:Pascal 1973-2005/Oct W4
(c) 2005 INIST/CNRS
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group
File 603:Newspaper Abstracts 1984-1988
(c)2001 ProQuest Info&Learning
File 483:Newspaper Abs Daily 1986-2005/Nov 02
(c) 2005 ProQuest Info&Learning

Set	Items	Description
S1	19871	HEAR??? (3N) (DEVIC?? OR AID??)
S2	440717	MICROPHON??? OR SPEAKER?? OR AMPLIFIER??
S3	45285	(IDENTIF????? OR IDENTIFICATION) (3N) (UNIT?? OR DEVIC?? OR - EQUIPMENT?? OR TERMINAL?? OR APPARATUS??) OR (CONFIGURA????? - OR SPECIFICATION??) (3N) DATA
S4	72424	(MANY OR MULTI OR MULTIPLE? ? OR NUMEROUS?? OR PLURAL?? OR PLURALIT?? OR SEVERAL? ? OR DIFFERENT?? OR BOTH?? OR TWO OR - DUAL??) (3N) (MEMOR?? OR STORAGE?? OR RAM OR ROM OR RANDOM(2N) A- CCESS(2N) MEMOR?? OR READ(2N) ONLY(2N) MEMOR?? OR EPROM OR EEPROM OR FEPRM)
S5	1402365	COMPARATOR?? OR FILTER?? OR LOGIC??
S6	0	S1 AND S2 AND S3 AND S4 AND S5
S7	0	S1 AND S2 AND S3 AND S4
S8	4	S1 AND S2 AND S3
S9	3	RD (unique items)

9/3,K/1 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
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07476153 E.I. No: EIP05269186953

Title: Design and construction of a talking call line identification unit

Author: Beukes, Marius A.; Lacquet, Beatrys M.
Corporate Source: Department of Electrical and Electronic Engineering
Rand Afrikaans University, Aucklandpark, 2006, South Africa
Conference Title: 2004 IEEE AFRICON: 7th AFRICON Conference in Africa:
Technology Innovation
Conference Location: Gaborone, Botswana Conference Date:
20040915-20040917

E.I. Conference No.: 65044
Source: IEEE AFRICON Conference 2004 IEEE AFRICON: 7th AFRICON Conference
in Africa: Technology Innovation v 1 2004. (IEEE cat n 04CH37590)
Publication Year: 2004
Language: English

Title: Design and construction of a talking call line identification unit

...Abstract: at an affordable cost. We present the design and construction of a talking call line **identification** (TCLI) **unit** with integrated sound output to be used on Telkom**1 lines. This unit incorporates audio...

Descriptors: ***Hearin g aids** ; Electronic equipment; Product design; Liquid crystal displays; Frequency shift keying; Phase modulation; Microcontrollers; Sound recording; **Amplifiers** (electronic); ROM; Random access storage

9/3,K/2 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2005 Inst for Sci Info. All rts. reserv.

11854142 Genuine Article#: 702YR No. References: 20

Title: 19th-century camouflaged mechanical hearing devices

Author(s): Sarli CC (REPRINT) ; Uchanski RM; Heidbreder A; Readmond K; Spehar B

Corporate Source: Cent Inst Deaf, 4560 Clayton Ave/St Louis//MO/63110
(REPRINT); Cent Inst Deaf, St Louis//MO/63110

Journal: OTOLOGY & NEUROTOLOGY, 2003, V24, N4 (JUL), P691-698

ISSN: 1531-7129 Publication date: 20030700

Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA 19106-3621 USA

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

Title: 19th-century camouflaged mechanical hearing devices

Abstract: Hypothesis: The aim of this review is to present 19th century mechanical **hearing devices** that were designed for concealment or camouflage.

Background: Extensive literature, past and current, along with museum catalogs, trade catalogs, and advertisements, were examined to **identify** mechanical **devices** designed for concealment.

Methods: Several mechanical devices were selected for acoustic gain measurements. Measurements were...

...a Knowles Electronics Manikin for Acoustic Research fitted with a

Zwislocki coupler and a pressure **microphone** in the right ear.
One-third-octave bands of noise were presented via a KLH...

...recorded with and without the device in place.

Results: A wide variety of 19th century **hearing devices** designed for concealment were **identified**. Some **hearing devices**, such as fans, parasols, lorgnettes, water canteens, walking sticks, chairs/thrones, hats, and books, were concealed within everyday items. Other **hearing devices**, such as artificial conchae, bouquet holders, and hair and beard receptors, were concealed on the...

...most relevant for speech communication.

Conclusions: The ingenuity behind the design of 19th century mechanical **hearing devices** created for concealment or camouflage is to be commended. For the Aurolese Phone, some acoustic...

9/3,K/3 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
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01986542 ORDER NO: AADAA-IC815593

Talking heads: Models and applications for multimodal speech synthesis

Author: Beskow, Jonas

Degree: Ph.D.

Year: 2003

Corporate Source/Institution: Kungliga Tekniska Hogskolan (Sweden) (1022)

Source: VOLUME 65/02-C OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 289. 139 PAGES

ISBN: 91-7283-536-2

Publisher: Royal Institute of Technology, SE-100 44 Stockholm, Sweden

...improve the realism and validity of facial and intra-oral speech movements, measurements from real **speakers** have been incorporated from several types of static and dynamic data sources. These include ultrasound ...

...been developed. The rule-based model effectively handles forward and backward coarticulation by target under- **specification**, while the **data**-driven model uses ANNs to estimate articulatory parameter trajectories, trained on trajectories resynthesised from optical...

...of the systems is discussed. A telecommunication application where the talking head functions as an **aid** for **hearing**-impaired users is also described, as well as a speech training application where talking heads...
?

File 344:Chinese Patents Abs Aug 1985-2005/May
(c) 2005 European Patent Office
File 347:JAPIO Nov 1976-2005/Jul(Updated 051102)
(c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200570
(c) 2005 Thomson Derwent
File 371:French Patents 1961-2002/BOPI 200209
(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	7306	HEAR??? (3N) (DEVIC?? OR AID??)
S2	435367	MICROPHON??? OR SPEAKER?? OR AMPLIFIER??
S3	56643	(IDENTIF????? OR IDENTIFICATION) (3N) (UNIT?? OR DEVIC?? OR - EQUIPMENT?? OR TERMINAL?? OR APPARATUS??) OR (CONFIGURA????? - OR SPECIFICATION??) (3N) DATA
S4	85956	(MANY OR MULTI OR MULTIPLE? ? OR NUMEROUS?? OR PLURAL?? OR PLURALIT?? OR SEVERAL? ? OR DIFFERENT?? OR BOTH?? OR TWO OR - DUAL??) (3N) (MEMOR?? OR STORAGE?? OR RAM OR ROM OR RANDOM (2N) A- CCESS (2N) MEMOR?? OR READ (2N) ONLY (2N) MEMOR?? OR EPROM OR EEPROM OR FEPRM)
S5	1064668	COMPARATOR?? OR FILTER?? OR LOGIC??
S6	178	AU=(BACHLER H? OR BACHLER, H? OR BERG C? OR BERG, C?)
S7	0	S1 AND S2 AND S3 AND S4 AND S5
S8	0	S1 AND S2 AND S3 AND S4
S9	6	S1 AND S2 AND S3
S10	14	S6 AND S1
S11	0	S10 AND S3 AND S4
S12	1	S10 AND S3

9/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

07550247 **Image available**

DEVICE AND METHOD FOR SUPPRESSING NOISE, VOICE IDENTIFYING DEVICE ,
COMMUNICATION EQUIPMENT AND HEARING AID

PUB. NO.: 2003-044087 [JP 2003044087 A]
PUBLISHED: February 14, 2003 (20030214)
INVENTOR(s): NAKAMURA KAZUHIRO
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD
APPL. NO.: 2001-236872 [JP 2001236872]
FILED: August 03, 2001 (20010803)

DEVICE AND METHOD FOR SUPPRESSING NOISE, VOICE IDENTIFYING DEVICE ,
COMMUNICATION EQUIPMENT AND HEARING AID

ABSTRACT

...from an input signal spectrum component.

SOLUTION: An audio signal inputted to a plurality of **microphones** 101 is delayed by a delayer 103, and the audio signal is subtracted from an...

...104. A signal resulting from subtracting the audio signal from the input signal of the **microphone** 101 is divided into a plurality of frequency bands by dividing processing units 105 and...

... processor 111. On the basis of the amplitude value of the input signal of the **microphone** 101 calculated by an amplitude calculator 107 and the amplitude value of the signal resulting...

9/3,K/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

06397508 **Image available**
BATH SENSOR

PUB. NO.: 11-339160 [JP 11339160 A]
PUBLISHED: December 10, 1999 (19991210)
INVENTOR(s): YAMAZAKI FUSAICHI
APPLICANT(s): AMENITEKKUSU KK
APPL. NO.: 10-185531 [JP 98185531]
FILED: May 26, 1998 (19980526)

ABSTRACT

...bathes in a bathtub, an underwater sound detection signal that is caught by an underwater **microphone** of a heart sound detector 4 is outputted from the detector 4. When a **heart** sound **identifying** device 5 that receives the underwater sound detection signal when the bather falls into an abnormal...

9/3,K/3 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

017090815 **Image available**

WPI Acc No: 2005-415143/200542

XRPX Acc No: N05-336538

Hearing aid for providing binaural support, has processing and separation unit identifying relative change in acoustic source positions based on position of head detected by position determining unit
Patent Assignee: SIEMENS AUDIOLOGISCHE TECH GMBH (SIEI); CHALUPPER J (CHAL-I)

Inventor: CHALUPPER J

Number of Countries: 034 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20050094834	A1	20050505	US 2004981262	A	20041104	200542 B
EP 1530402	A2	20050511	EP 200424545	A	20041014	200542
DE 10351509	A1	20050609	DE 10351509	A	20031105	200542

Priority Applications (No Type Date): DE 10351509 A 20031105

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
-----------	------	--------	----------	--------------

US 20050094834	A1	4	H04R-025/00	
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EP 1530402	A2 G		H04R-025/00	
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Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB

GR HR HU IE IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR

DE 10351509	A1		H04R-025/00	
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Hearing aid for providing binaural support, has processing and separation unit identifying relative change in acoustic source positions based on position of head detected by position determining...

Abstract (Basic):

... The aid has **microphones** (M1-Mn) for acquiring a set of input signals. A position determining unit (PB) e.g. head tracker, detects a position of the head of a user of the **hearing aid** using earth's magnetic field. A processing and separation unit (VE) **identifies** relative change in acoustic source positions based on the position of the head detected by...

... A) a **hearing aid** system having a **hearing aid**
 (...

...B) a method of adapting a **hearing aid** .
 ...

...The processing and separation unit (VE) **identifies** relative change in acoustic source positions based on the detected head position, without requiring a...

...intensive adaptation after each head movement. The blind source separation is thus deployed in the **hearing aid** , and the speech audibility is drastically increased in certain situations...

...The drawing shows a block diagram of a **hearing aid** .
 ...

... **Microphone** (M1-Mn

9/3,K/4 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

016361388 ****Image available****
WPI Acc No: 2004-519295/200450
Related WPI Acc No: 2003-815127
XRPX Acc No: N04-411434

Hearing aid adjustment procedure uses control unit to change parameters within allowed ranges or using a set of rules to suit environment processing

Patent Assignee: PHONAK AG (PHON-N)
Inventor: BAECHLER H; BORETZKI M; LAUNER S; MEIER H
Number of Countries: 031 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1432282	A2	20040623	EP 200326365	A	20031118	200450 B

Priority Applications (No Type Date): EP 20037004 A 20030327

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

EP 1432282	A2	G	8	H04R-025/00	
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Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

Hearing aid adjustment procedure uses control unit to change parameters within allowed ranges or using a set...

Abstract (Basic):

... A **hearing aid** (1) adjustment procedure uses stored instantaneous environment related parameters simultaneously adjusted (11) by the user...

... Includes INDEPENDENT CLAIMs for **hearing aids** using the procedure and for input from a remote control unit...

... **Hearing aid** adjustment procedure...

... Allows manual or automatic adjustment of the **hearing aid** settings of optimise the user preferences. Allows simple setting of parameter for purpose such as...

... The drawing is a block diagram of a **hearing aid** using the procedure
...

... **Hearing aid** (1...

... **Microphones** (2a, b...

... **Signal identification unit** (10

9/3,K/5 (Item 3 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013443255 ****Image available****
WPI Acc No: 2000-615198/200059
XRPX Acc No: N00-455778

Voice recognition device for hearing impaired, has recognition tool which stimulates position of the human finger based on preset voice pattern

Patent Assignee: INOUE T (INOUE-I)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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JP 2000245769 A 20000912 JP 9956209 A 19990303 200059 B

Priority Applications (No Type Date): JP 9956209 A 19990303

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000245769 A			3	A61F-011/04	

Voice recognition device for hearing impaired, has recognition tool which stimulates position of the human finger based on preset voice...

Abstract (Basic):

... A vocal **identification device** (2) connected to a **microphone** (1), identifies preset pattern of voice. A recognition tool (3) such as a glove stimulates...

... **Microphone** (1...

...Vocal **identification device** (2

9/3,K/6 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008997575 **Image available**

WPI Acc No: 1992-124847/199216

XRPX Acc No: N92-093359

Hearing aid incorporating data memory - holds hearing aid identification data which is fed to output device upon control signal reception

Patent Assignee: SIEMENS AG (SIEI); SIEMENS AUDIOLOGISCHE TECHNIK GMBH (SIEI); SIEMENS AUDIOLOGISCHE TECH GMBH (SIEI)

Inventor: MARTIN R; WAGNER J

Number of Countries: 011 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 480097	A	19920415	EP 90119638	A	19901012	199216 B
JP 4265100	A	19920921	JP 91290747	A	19911009	199244
US 5210803	A	19930511	US 91769731	A	19911002	199320
EP 480097	B1	19941221	EP 90119638	A	19901012	199504
DE 59008091	G	19950202	DE 508091	A	19901012	199510
			EP 90119638	A	19901012	

Priority Applications (No Type Date): EP 90119638 A 19901012

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 480097	A	G	9		

Designated States (Regional): AT CH DE DK FR GB IT LI NL

JP 4265100 A 6 H04R-025/00

US 5210803 A 8 H04R-025/00

EP 480097 B1 G 8 H04R-025/00

Designated States (Regional): AT CH DE DK FR GB IT LI NL

DE 59008091 G H04R-025/00 Based on patent EP 480097

Hearing aid incorporating data memory...

...holds hearing aid identification data which is fed to output device upon control signal reception

...Abstract (Basic): The **hearing aid** has a **microphone** (3), an **amplifier** (5, 7) and a loudspeaker (8), with a data memory (14, 30)

acting as part of an **identification device** (29) and storing a **hearing aid** identification parameter. The latter can be fed from the data memory (14, 3) to an output **device** (31) for **identifying** the **hearing aid**.

...The output **device** for the **hearing aid** identification data may be provided by the loudspeaker (8), or by a separate LED display...

...output of the identification data initiated by an internal control signal pref. received via the **microphone** (3)...

...USE - For identifying each **hearing aid**.

...Abstract (Equivalent): **Hearing aid** having a **microphone** (3), an **amplifier** (5, 7), an earphone (8) and a **device** for **identifying** the **hearing aid** (1; 28), which **identification device** comprises a data storage (14) in which at least one **hearing aid** feature is stored, wherein, with the **aid** of the stored **hearing aid** feature, there can be determined the **hearing aid** features of the respective **hearing aid** which are required for matching the **hearing aid** to the respective **hearing** impairment of the user who will be wearing the **hearing aid**, characterised in that the stored **hearing aid** feature can be output in a wireless manner by way of at least one output means (8; 31; 32) of the **identification device** (27; 29) of the **hearing aid** when an externally generated control signal is supplied to the **hearing aid** and this control signal has a coding for outputting the **hearing aid** feature and in that the control signal generated from a transmitter (2) known per se is a sound signal and can be supplied to the **identification device** (27; 29) of the **hearing aid** by way of the **microphone** (3) of the **hearing aid** (1, 28

...Abstract (Equivalent): The **hearing aid** comprises a **microphone**, an **amplifier** connected to the **microphone** and an earphone connected to an output of the **amplifier**. An **identification unit** having a data storage containing at least one **hearing aid** feature provides information for a person to identify the **hearing aid** and thus allow that person to match the **hearing aid** to a particular **hearing** impairment of a user who will be wearing the **hearing aid**. A second unit wirelessly outputs the person the at least one **hearing aid** feature...

...The second unit includes the earphone connected to serve both as an output of the **hearing aid** for amplified sound and also for outputting at least one **hearing aid** feature. The first unit outputs from the **hearing aid** at least one feature via the earphone. A telephone coil of the **hearing aid** is used as part of the second unit...

...ADVANTAGE - Number of **hearing aid** features identifiable at **hearing aid** is increased without greater space requirement...

?

12/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

012398359 **Image available**

WPI Acc No: 1999-204466/199917

XRPX Acc No: N99-150627

Hearing aid that does not require a large number of hardware
configuration variants

Patent Assignee: PHONAK AG (PHON-N)

Inventor: BAECHLER H; **BERG C**

Number of Countries: 083 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9909799	A2	19990304	WO 98CH502	A	19981124	199917 B
AU 9911394	A	19990316	WO 98CH502	A	19981124	199930
			AU 9911394	A	19981124	
EP 1133897	A2	20010919	EP 98954101	A	19981124	200155
			WO 98CH502	A	19981124	
JP 2001527302	W	20011225	WO 98CH502	A	19981124	200204
			JP 2000507211	A	19981124	
CN 1348674	A	20020508	CN 98814330	A	19981124	200253
			WO 98CH502	A	19981124	
AU 766092	B	20031009	WO 98CH502	A	19981124	200373
			AU 9911394	A	19981124	

Priority Applications (No Type Date): WO 98CH502 A 19981124

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9909799 A2 G 18 H04R-025/00

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9911394 A H04R-025/00 Based on patent WO 9909799

EP 1133897 A2 G H04R-025/00 Based on patent WO 9909799

Designated States (Regional): CH DE DK FR GB LI

JP 2001527302 W. 16 H04R-025/00 Based on patent WO 9909799

CN 1348674 A H04R-025/00

AU 766092 B H04R-025/00 Previous Publ. patent AU 9911394
Based on patent WO 9909799

Hearing aid that does not require a large number of hardware
configuration variants

...Inventor: **BERG C**

Abstract (Basic):

... the **hearing aid** has a central digital processor unit (1)
connected to digital, hybrid and/or analogue peripherals (3E,3A), at
least some contg. **identification units** (5) driving a comparison
unit (9). The comparison unit input is also connected to a possible
identification unit (11) and its output to a configuration memory
unit (15)

... the drawing shows the processor **unit**, peripherals,
identification units, comparison **unit**, possible **identification**
unit and configuration memory unit...

... **identification units** (5...

...possible identification unit (11
?

File 348:EUROPEAN PATENTS 1978-2005/Oct W04

(c) 2005 European Patent Office

File 349:PCT FULLTEXT 1979-2005/UB=20051027,UT=20051020

(c) 2005 WIPO/Univentio

Set	Items	Description
S1	7741	HEAR??? (3N) (DEVIC?? OR AID??)
S2	163272	MICROPHON??? OR SPEAKER?? OR AMPLIFIER??
S3	74216	(IDENTIF????? OR IDENTIFICATION) (3N) (UNIT?? OR DEVIC?? OR - EQUIPMENT?? OR TERMINAL?? OR APPARATUS??) OR (CONFIGURA????? - OR SPECIFICATION??) (3N) DATA
S4	89622	(MANY OR MULTI OR MULTIPLE? ? OR NUMEROUS?? OR PLURAL?? OR PLURALIT?? OR SEVERAL? ? OR DIFFERENT?? OR BOTH?? OR TWO OR - DUAL??) (3N) (MEMOR?? OR STORAGE?? OR RAM OR ROM OR RANDOM(2N)A- CCESS(2N)MEMOR?? OR READ(2N)ONLY(2N)MEMOR?? OR EPROM OR EEPROM OR FEPRM)
S5	569702	COMPARATOR?? OR FILTER?? OR LOGIC??
S6	152	AU=(BACHLER H? OR BACHLER, H? OR BERG C? OR BERG, C?)
S7	0	S1(S)S2(S)S3(S)S4(S)S5
S8	0	S1(S)S2(S)S3(S)S4
S9	2	S1(S)S3(S)S4
S10	10	S1(S)S2(S)S4
S11	10	S10 NOT S9
S12	5	S11 NOT AD=20000607:20031103/PR
S13	5	S12 NOT AD=20031103:20051103/PR
S14	0	S6 AND S4 AND S1

9/3,K/1 (Item 1 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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01258938 **Image available**

MEDICAL IMPLANTS AND FIBROSIS-INDUCING AGENTS
IMPLANTS MEDICAUX ET AGENTS INDUCTEURS DE FIBROSE

Patent Applicant/Assignee:

ANGIOTECH INTERNATIONAL AG, Bundesplatz 1, CH-6304 Zug, CH, CH
(Residence), CH (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

HUNTER William L, 1618 Station Street, Vancouver, British Columbia V6A
1B6, CA, CA (Residence), CA (Nationality), (Designated only for: US)
GRAVETT David M, 616 West 21st Avenue, Vancouver, British Columbia V5Z
1Y8, CA, CA (Residence), CA (Nationality), (Designated only for: US)
TOLEIKIS Philip M, 8011 Laburnum Street, Vancouver, British Columbia V6P
5N8, CA, CA (Residence), US (Nationality), (Designated only for: US)
MAITI Arpita, #211 - 2920 Ash Street, Vancouver, British Columbia V5Z 4A6
, CA, CA (Residence), CA (Nationality), (Designated only for: US)
SIGNORE Pierre E, #207 - 2155 West 7th Avenue, Vancouver, British
Columbia V6K 1X9, CA, CA (Residence), CA (Nationality), (Designated
only for: US)
LIGGINS Richard T, 407 Lakeview Street, Coquitlam, British Columbia V3K
5K7, CA, CA (Residence), CA (Nationality), (Designated only for: US)

Legal Representative:

LIN Qing (et al) (agent), Seed Intellectual Property Law Group PLLC,
Suite 6300, 701 Fifth Avenue, Seattle, Washington 98104-7092, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200565079 A2 20050721 (WO 0565079)
Application: WO 2004US37336 20041110 (PCT/WO US04037336)
Priority Application: US 2003518785 20031110; US 2003523908 20031120; US
2003524023 20031120; US 2004578471 20040609; US 2004586861 20040709

Designated States:

(All protection types applied unless otherwise stated - for applications
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LU MC NL PL PT
RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 392302

Fulltext Availability:

Detailed Description

Detailed Description

... in Examples 13-20; 33-34; and 40.

Therapeutic agents which promote fibrosis can be **identified** through in
vivo models such as the rat carotid artery model (Examples 17-20).

In...flavurn and bone is removed from the lamina until the nerve root can
be clearly **identified**. The nerve root is carefully retracted and the
tears in the annulus are visualized under...

9/3,K/2 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00836144 **Image available**

NETWORKED INTERACTIVE TOY SYSTEM

SYSTEME DE JOUETS INTERACTIFS EN RESEAU

Patent Applicant/Assignee:

CREATOR LTD, 16 Basel Street, 49001 Petach Tikva, IL, IL (Residence), IL
(Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

GABAI Oz, 156 Jabotinsky Street, 62330 Tel Aviv, IL, IL (Residence), IL
(Nationality), (Designated only for: US)

GABAI Jacob, 14 Klee Street, 62336 Tel Aviv, IL, IL (Residence), IL
(Nationality), (Designated only for: US)

SANDLERMAN Nimrod, 44 Churgin Street, 52356 Ramat Gan, IL, IL (Residence)
, IL (Nationality), (Designated only for: US)

WEISS Nathan, 7A Meltzer Street, 76285 Rehovot, IL, IL (Residence), IL
(Nationality), (Designated only for: US)

VECHT-LIFSCHITZ Susan Eve, c/o Sanford T. Colb & Co., P.O. Box 2273,
76122 Rehovot, IL, IL (Residence), IL (Nationality), (Designated only
for: US)

PFEFFER Zvika, 10 Bezalel Street, 64683 Tel Aviv, IL, IL (Residence), IL
(Nationality), (Designated only for: US)

Legal Representative:

SANFORD T COLB & CO (agent), COLB, Sanford, T. , P.O. Box 2273, 76122
Rehovot (et al), IL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200169830 A2-A3 20010920 (WO 0169830)

Application: WO 2001IL248 20010314 (PCT/WO IL0100248)

Priority Application: US 2000189914 20000316; US 2000189915 20000316; US
2000189916 20000316; US 2000190874 20000321; US 2000191300 20000321; US
2000192011 20000324; US 2000192012 20000324; US 2000192013 20000324; US
2000192014 20000324; US 2000193697 20000331; US 2000193699 20000331; US
2000193702 20000331; US 2000193703 20000331; US 2000193704 20000331; US
2000195861 20000407; US 2000195862 20000407; US 2000195863 20000407; US
2000195864 20000407; US 2000195865 20000407; US 2000195866 20000407; US
2000196227 20000410; US 2000197573 20000417; US 2000197576 20000417; US
2000197577 20000417; US 2000197578 20000417; US 2000197579 20000417; US
2000200508 20000428; US 2000200513 20000428; US 2000200639 20000428; US
2000200640 20000428; US 2000200641 20000428; US 2000200647 20000428; US
2000203175 20000508; US 2000203177 20000508; US 2000203182 20000508; US
2000203244 20000508; US 2000204201 20000515; US 2000204200 20000515; US
2000207126 20000525; US 2000207128 20000525; US 2000208105 20000526; US
2000208390 20000530; US 2000208391 20000530; US 2000208392 20000530; US
2000209471 20000605; US 2000210443 20000608; US 2000210445 20000608; US
2000212696 20000619; US 2000215360 20000630; US 2000216237 20000705; US
2000216238 20000705; US 2000217357 20000712; US 2000219234 20000718; US
2000220276 20000724; US 2000221933 20000731; US 2000223877 20000808; US
2000227112 20000822; US 2000229371 20000830; US 2000229648 20000831; US
2000231105 20000908; US 2000231103 20000908; US 2000234883 20000925; US
2000234895 20000925; US 2000239329 20001010; US 2000253362 20001127; US
2000250332 20001129; US 2000254699 20001211; US 2001267350 20010208

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 189040

?

13/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00890961

Hearing aid

Horgerat

Prothese auditive

PATENT ASSIGNEE:

Siemens Audiologische Technik GmbH, (1547110), Gebbertstrasse 125, 91058
Erlangen, (DE), (Proprietor designated states: all)

INVENTOR:

Weinfurtner, Oliver, Dipl.-Ing., Hummelweg 20, 91058 Erlangen, (DE)

LEGAL REPRESENTATIVE:

Berg, Peter et al (89732), European Patent Attorney, Siemens AG, Postfach
22 16 34, 80506 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 814635 A1 971229 (Basic)
EP 814635 B1 021002

APPLICATION (CC, No, Date): EP 96110068 960621;

PRIORITY (CC, No, Date): EP 96110068 960621

DESIGNATED STATES: AT; CH; DE; DK; LI

INTERNATIONAL PATENT CLASS: H04R-025/00

TRANSLATED ABSTRACT WORD COUNT: 78

ABSTRACT WORD COUNT: 92

NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): German; German; German

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(German)	199712W3	522
CLAIMS B	(English)	200240	602
CLAIMS B	(German)	200240	475
CLAIMS B	(French)	200240	691
SPEC A	(German)	199712W3	3371
SPEC B	(German)	200240	3368
Total word count - document A			3894
Total word count - document B			5136
Total word count - documents A + B			9030

...CLAIMS B1

1. **Hearing aid** with an **amplifier** and transmission means (10), which is connected on one side to an input transducer (12...

...implements fuzzy logic functions, responds to a tapped signal (22) which is tapped on the **amplifier** and transmission means (10) and supplies a result signal (26) which is sent to the **amplifier** and transmission means (10) and acts on the latter's output signal (28), characterised in that

- the **amplifier** and transmission means (10) has a signal path between the input transducer (12) and the...

...can be acted on by the result signal (26) of the calculating means (20),

- the **amplifier** and transmission means (10) has a **memory** in which a **plurality** of sets of amplification and transmission parameters are stored and the result signal (26) of...

...means (16) is provided which edits the tapped signal (22) which is tapped by the **amplifier** and transmission means (10) and sends it as

an input signal (24) to the calculating...

13/3,K/2 (Item 2 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00362978

Auditory prosthesis with datalogging capability.

Hörprothese mit Datenerfassungsmöglichkeiten.

Prothese auditive avec capacite de saisie de donnees.

PATENT ASSIGNEE:

DIAPHON DEVELOPMENT AB, (966390), , S-431 24 Molndal, (SE), (applicant
designated states: CH;DE;FR;GB;LI;NL;SE)

INVENTOR:

Mangold, Stephan Eberhard, PL 3532 Mordgard, S-44163 Alingsas, (SE)
Rising, Rolf Christer, Kaktusvagen 6, S-43400 Kungbacka, (SE)

LEGAL REPRESENTATIVE:

Hammond, Andrew David et al (74671), Albihn West AB, P.O. Box 142, 401 22
Goteborg, (SE)

PATENT (CC, No, Kind, Date): EP 335542 A2 891004 (Basic)
EP 335542 A3 910911

APPLICATION (CC, No, Date): EP 89302689 890317;

PRIORITY (CC, No, Date): US 175233 880330

DESIGNATED STATES: CH; DE; FR; GB; LI; NL; SE

INTERNATIONAL PATENT CLASS: H04R-025/00;

ABSTRACT WORD COUNT: 159

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPBBF1	551
CLAIMS B	(English)	EPBBF1	493
CLAIMS B	(German)	EPBBF1	403
CLAIMS B	(French)	EPBBF1	570
SPEC A	(English)	EPBBF1	4420
SPEC B	(English)	EPBBF1	4537
Total word count - document A			4971
Total word count - document B			6003
Total word count - documents A + B			10974

...SPECIFICATION prosthesis.

Detailed Description of Illustrative Embodiment

Fig. 1 is a functional block diagram of a **multiple - memory** programmable **hearing aid**, shown generally at 2, such as described in U.S. Patent No. 4,425,481 which is hereby incorporated by reference. The **hearing aid** 2 includes a **microphone** 10 for picking up sound and converting it to an electrical signal, a signal processor and associated slave memory 12 for operating on the electrical signal generated by **microphone** 10 in accordance with one of a plurality of signal-processing programs, and a **speaker** 14 for audibly transmitting the processed signals. Other signal inputs can be provided such as...

...a plurality of programs for controlling the signal processor 12 in operating on signals from **microphone** 10. A manual program control switch 18 is provided for the user of the device...

...SPECIFICATION prosthesis.

Detailed Description of Illustrative Embodiment

Fig. 1 is a functional block diagram of a **multiple - memory** programmable **hearing aid**, shown generally at 2, such as described in

U.S. Patent No. 4,425,481. The **hearing aid** 2 includes a **microphone** 10 for picking up sound and converting it to an electrical signal, a signal processor and associated slave memory 12 for operating on the electrical signal generated by **microphone** 10 in accordance with one of a plurality of signal-processing programs, and a **speaker** 14 for audibly transmitting the processed signals. Other signal inputs can be provided such as...

...a plurality of programs for controlling the signal processor 12 in operating on signals from **microphone** 10. A manual program control switch 18 is provided for the user of the device...

13/3,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2005 European Patent Office. All rts. reserv.

00252199

Programmable sound reproducing system.

Programmierbares Schallwiedergabesystem.

Système de reproduction sonore programmable.

PATENT ASSIGNEE:

AUDIMAX CORPORATION, (1522870), c/o Energy Transportation Group, Inc.

1185 Avenue of the Americas, New York, New York 10036, (US), (applicant designated states: AT;BE;CH;DE;ES;FR;GB;GR;IT;LI;LU;NL;SE)

INVENTOR:

Levitt, Harry, 46 Tanglewood Drive, Livingston New Jersey 07039, (US)

Dugot, Richard S., 590 West End Avenue, New York New York 10024, (US)

Kopper, Kenneth W., 746 Oak Avenue, River Edge New Jersey 07661, (US)

LEGAL REPRESENTATIVE:

Rackham, Stephen Neil (35061), GILL JENNINGS & EVERY, Broadgate House, 7

Eldon Street, London EC2M 7LH, (GB)

PATENT (CC, No, Kind, Date): EP 250679 A2 880107 (Basic)

EP 250679 A3 890419

EP 250679 B1 930707

APPLICATION (CC, No, Date): EP 86307717 861007;

PRIORITY (CC, No, Date): US 879214 860626

DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: H04R-025/00; H03G-005/16; H04R-003/02;

ABSTRACT WORD COUNT: 256

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1366
CLAIMS B	(German)	EPBBF1	1487
CLAIMS B	(French)	EPBBF1	1773
SPEC B	(English)	EPBBF1	6717
Total word count - document A			0
Total word count - document B			11343
Total word count - documents A + B			11343

...SPECIFICATION to digital signals for application to the delay line, the digital delay line comprising second **memory** means arranged to receive digital signals from the analog-to-digital converting means, register means connected to receive...to-analog converter means for combination therein with digital signals transferred thereto from the second **memory** means, signal summing means connected to receive the output of the first digital converter means...

...a third aspect of the present invention a hearing aid comprises at least

one input **microphone** , an output receiver, a signal transmission channel interposed between the **microphone** and the receiver, and a filter, the filter being programmed to impart to the hearing...

...output of the summing means.

According to a fourth aspect of the present invention a **hearing aid comprises** at least two input **microphone** channels, means for adjusting the amplitude and phase characteristics of each of the **microphone** channels, means for summing the outputs of the **microphone** channels, an output receiver, a signal transmission channel connected to receive the output of the...

...the transmission channel in a feedback loop for the transmission channel, characterised in that the **hearing aid** further comprises a programmable signal limiting means, the filter and the signal limiting means being programmed to impart to the **hearing aid** at least one response characteristic effective to compensate for impaired hearing of the wearer of...

...the transmission channel as a function of frequency of acoustic feedback between the receiver and **microphone** , and inserting between the input and output of the transmission channel a programmable filter programmed...Each of the sixty-four possible combinations of the 6-bit binary words identifies a **different** frequency response for the programmable filter, and a corresponding set of coefficients stored in the RAM 77 is selected...

...Figure 1). These signals are delivered to the hearing aid via the switch 29, an **amplifier** 119, a switch 120, a connector 121, a connector 122 in the hearing aid, and...

...generate a 6-bit word that selects the appropriate set of filter coefficients in the **RAM** 77.

For patient hearing-parameter selection and programming, the hearing aid is interfaced with the host controller as described above, and the **EEPROM** 84 (Figure 2) is plugged into a programming slot 124 in the host controller 20. A conductor in...84, with the optimum coefficients determined as described above stored therein, is plugged into the **hearing aid** , and when power is turned on the coefficients are transferred from the EEPROM 84 into...

...up control circuit 87, and the switch 88 is activated to connect the counter 89 to the **RAM** 77. The power-up circuit control 87 supplies reset pulses to the counters 89 and...

...to-parallel converter 92, and clock pulses to the counter 91, the converter 92 and the **EEPROM** 84. After every twelfth clock pulse, data is transferred from the series-to-parallel converter...

...travel along a tube of appropriate length and having taps in the form of miniature **microphones** disposed along the tube. The signals at the taps would be multiplied by selected predetermined...

13/3,K/4 (Item 1 from file: 349)
 DIALOG(R)File 349:PCT FULLTEXT
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00836266 **Image available**
 HEARING AID FORMAT SELECTOR

SELECTEUR DE FORMAT POUR PROTHESE AUDITIVE

Patent Applicant/Assignee:

SARNOFF CORPORATION, 201 Washington Road, Princeton, NJ 08543-5300, US,
US (Residence), US (Nationality)

Inventor(s):

ACETI John G, 7 Monroe Drive, West Windsor, NJ 08550, US,
STAAB Wayne J, 512 E. Canterbury Lane, Phoenix, AZ 85022, US,
MCCANDLESS Geary A, 509 N. Pinion Hills Drive, Dammeron Valley, UT 84783,
US,
SJURSEN Walter P, 6 Bankers Drive, Washington Crossing, PA 18977, US,
FRITZ Frederick J, 15 Augusta Court, Skillman, NJ 08558, US,
SQUEGLIA Thomas J, 12 Red Maple Lane, Belle Mead, NJ 08502, US,
POUX Christopher J, 4 Alton Road, Trenton, NJ 08619-1508, US,
TUCKER Randall Ray, 5 Jill Drive, West Windsor, NJ 08550, US,
ZIELINSKI Reuben Q, 80 Matthews Farm Road, Belle Mead, NJ 08502-5321, US,

KELMER Frederick Jr, 211 Cranbury Station Road, Monroe Township, NJ 08831
, US,

MCBRIDE Sterling Eduard, 11 Carlyle Court, Princeton, NJ 08540, US,
IANNELLI Gerald R, 13 Lexington Circle, Marlton, NJ 08053, US,
MORONER Richard M III, 3 Kensington Court, Princeton, NJ 08540, US,
SEMANCHIK Jennifer Lynn, 1114 Eagles Chase Drive, Lawrenceville, NJ 08648
, US,

Legal Representative:

REYNOLDS Leo R (et al) (agent), Hamilton, Brook, Smith & Reynolds, P.C.,
530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200169970 A2-A3 20010920 (WO 0169970)

Application: WO 2001US7900 20010313 (PCT/WO US0107900)

Priority Application: US 2000188996 20000313

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 13856

Fulltext Availability:

Detailed Description

Detailed Description

... component tester when the electronic circuit 61 is put
in a test mode.

To test **hearing aid** test unit 20, 22, discussed, a
controlled acoustical input is provided at **microphone** 60
and a generated signal is amplified by
amplifier /compressor circuit. The amplified signal is
then measured at a component tester to determine how...

...tester to

memory 470. Control logic 460 includes hardware to
support the data transfer into **memory** device 470.

Multiple stages of the electronic circuit 61 can be analyzed so that multiple compensation factors are...

13/3,K/5 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00216207 **Image available**

IMPROVED HEARING APPARATUS
PROTHESE AUDITIVE AMELIOREE

Patent Applicant/Assignee:

ADELMAN Roger A,

Inventor(s):

ADELMAN Roger A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9213430 A1 19920806

Application: WO 92US380 19920116 (PCT/WO US9200380)

Priority Application: US 91735 19910117

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT AU BB BE BF BG BJ BR CA CF CG CH CI CM CS DE DK DK ES FI FR GA GB GN
GR HU IT JP KP KR LK LU MC MG ML MN MR MW NL NO PL RO RU SD SE SN TD TG

Publication Language: English

Fulltext Word Count: 13538

Fulltext Availability:

Claims

Claim

... with the local on/off control 190.

The sound energy input is received at the **microphone** 184, and is converted into an electrical signal which is first amplified by the **microphone** transducer **amplifier** 260, then modified and amplified by the filter and intermediate gain **amplifier** 262,, and ik finally sent to a new **amplifier** element 278 which is a summation **amplifier** . The mechanical vibrations are sensed by the accelerometer 248, which converts the vibrations into an electrical signal. This electrical signal is received by the accelerometer transducer **amplifier** 272, which then outputs the signal to a gain **amplifier** stage 276. The control means 270 also communicates information to a volume control 274, Volume control 274 controls the gain of **amplifier** 276, however, the control means 270 also passes a signal to gain **amplifier** 276 which makes it possible for it to have reverse polarity Polarity WO 92/13430
PCr/US92/00380

3 7

gain **amplifier** 276 is then communicated to the summation **amplifier** 278* At this point the a6@ierometer signal is either su btracted or added to the **microphone** signal. The output of summation **amplifier** 278 is then sent to the power **amplifier** 264 and then to the **speaker** element 100. Another embodiment of the invention employs signal processing techniques to greatly enhance the...

...signals which are then transmitted via communication means 90 to the receiver 86 of the **hearing aid 10**, At the **hearing aid 10**, sound energy is picked up by the **microphone 184** and converted into electrical signals which are passed to the **microphone transducer amplifier 260*** The output of the transducer **amplifier 260** is sent to a second radio frequency transmitter 88, This information is then communicated...

...be a full duplex means of communicating radio frequency information both to and from each **device**, the **hearing aid 10** and the signal processing device 80. Once the signal is transmitted from the radio frequency transmitter 82 it is received by a radio frequency receiver 86 on the **hearing aid device 10**. The control portion of ...an electrical signal 288. This audio signal is communicated to the filter and intermediate gain **amplifier 262** which also communicates with the control means 270. The output of the filter and gain **amplifier 262** is sent to the power **amplifier 264** which outputs the signal to the **speaker element 100**. An alternative embodiment of the invention which employs signal processing techniques is one that includes a self-contained enhanced signal processing controller within the **hearing aid 10** itself, This embodiment is described in schematic form on FIG. 12, wherein the filter and intermediate gain **amplifier 262** also contains the necessary signal processing controller to achieve the desired enhancement. Another embodiment...

...from the transmitter 72 is communicated by means 76 to a receiver 74 on the **hearing aid device 10*** In this embodiment, the operator interface 266 can also control the frequency to be received at the **hearing aid device 10** receiver 94, That information is transmitted by transmitter 72 via communication means 76 to...

...communicates with a local on/off control 190 Sound wave energy is received by the **microphone 184** and is converted to an electrical signal which is communicated to the **microphone transducer amplifier 260**, The output of this transducer **amplifier 260** is communicated to the filter and intermediate gain **amplifier 262**, whose output is then communicated to sound **amplifier 278**, The **hearing aid device 10** also receives radio frequency information via its receiver 94. Radio frequency receiver 94 can...

...volume control 274 which communicates to the control means 270* The output of the gain **amplifier 276** is then sent to the summation amplifier 278 whose output consists of signals from both the **microphone** and the radio receiver. The output of the summation **amplifier 278** is communicated

to the power **amplifier** 264 which then sends the signal to the **speaker** element 100. If the user so desires, radio frequency receiver 94 can receive a local...

...apparatus provide a package which fits deeply into the external auditory canal such that its **microphone** is placed at the acoustic focus of the concha, and its **speaker** is placed between the sigmoid portion of the canal and the tympanic membrane. Such placement of the **speaker** , along with sealing the air inside the external auditory canal around the hearing apparatus, achieves...

?

File 344:Chinese Patents Abs Aug 1985-2005/May
(c) 2005 European Patent Office
File 347:JAPIO Nov 1976-2005/Jul(Updated 051102)
(c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200570
(c) 2005 Thomson Derwent
File 371:French Patents 1961-2002/BOPI 200209
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Set	Items	Description
S1	7306	HEAR??? (3N) (DEVIC?? OR AID??)
S2	435367	MICROPHON??? OR SPEAKER?? OR AMPLIFIER??
S3	56643	(IDENTIF????? OR IDENTIFICATION) (3N) (UNIT?? OR DEVIC?? OR - EQUIPMENT?? OR TERMINAL?? OR APPARATUS??) OR (CONFIGURA????? - OR SPECIFICATION??) (3N) DATA
S4	85956	(MANY OR MULTI OR MULTIPLE? ? OR NUMEROUS?? OR PLURAL?? OR PLURALIT?? OR SEVERAL? ? OR DIFFERENT?? OR BOTH?? OR TWO OR - DUAL??) (3N) (MEMOR?? OR STORAGE?? OR RAM OR ROM OR RANDOM (2N) A- CCESS (2N) MEMOR?? OR READ (2N) ONLY (2N) MEMOR?? OR EPROM OR EEPROM OR FEPROM)
S5	1064668	COMPARATOR?? OR FILTER?? OR LOGIC??
S6	1	S1 AND (S2 OR S3) AND S4
S7	21	S1 AND S4
S8	1	S7 AND S5
S9	1	S8 NOT S6
S10	16	S7 NOT AD=20000607:20021103/PR
S11	16	S10 NOT AD=20031103:20051103/PR
S12	14	S11 NOT (S6 OR S8)

6/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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008044234 **Image available**

WPI Acc No: 1989-309346/198942

XPX Acc No: N89-235712

**Multichannel emergency heart monitoring and transmission device -
allows patient to record and transmit simultaneously two or three
channels of electrical activity of heart over telephone line**

Patent Assignee: SURVIVAL TECHN INC (SURV-N)

Inventor: GREENWOLD D J; REINHOLD H E

Number of Countries: 015 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 8909021	A	19891005	WO 89US1147	A	19890324	198942 B
AU 8935312	A	19891016				199008
US 4889134	A	19891226	US 88172924	A	19880325	199008
IL 89709	A	19930818	IL 89709	A	19890322	199340

Priority Applications (No Type Date): US 88172924 A 19880325

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
-----------	------	--------	----------	--------------

WO 8909021	A	E 29		
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Designated States (National): AU JP KR

Designated States (Regional): AT BE CH DE FR GB IT LU NL SE

US 4889134	A	10		
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IL 89709	A		A61B-005/04	
----------	---	--	-------------	--

Multichannel emergency heart monitoring and transmission device -

...Abstract (Basic): of electrical activity of the heart of the user. This information is amplified in three **amplifiers** (210, 212, 214), converted to a digital form in A/D converters (216, 220, 222...

...268) to produce audio signals suitable for simultaneous transmission over a telephone line via a **speaker** (266...

...Abstract (Equivalent): These input signals can be either from the memory or from the output of the **amplifier**, depending on the mode being commanded. A control structure commands the mode of operation. Live mode allows the acquired input to pass directly to the **speaker**, to be passed over the telephone lines. REcording mode records the input. Time interval mode...

...The device plays back **several** channels from the **memory** simultaneously over the telephone line so that the channels are received by the other end...

?

9/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

010769253 **Image available**
WPI Acc No: 1996-266207/199627
XRPX Acc No: N96-223962

**Binaural hearing device for headphone stereo, portable CD player -
has control unit which selects anyone parameter from parameter memory
based on result of measurement unit and sets up characteristics of
filter accordingly**

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8111899	A	19960430	JP 94247984	A	19941013	199627 B

Priority Applications (No Type Date): JP 94247984 A 19941013

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8111899	A	12	H04S-001/00	

Binaural hearing device for headphone stereo, portable CD player...

**...parameter from parameter memory based on result of measurement unit and
sets up characteristics of filter accordingly**

**...Abstract (Basic): The device has an external stereophonic filter (102)
provided outside the head which processes the localization of signal
input from the input terminal. A sound emission unit provided for both
the ears converts the signal from localization filter into an audio
signal. A parameter memory (105) stores two or more parameters
which specify the characteristics of the filter .**

**...and size of the listener. A control unit (104) sets up the
characteristics of the filter by selecting one of the parameters
stored in the parameter memory based on the result**

...Title Terms: FILTER ;

?

12/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

08230776 **Image available**
HEARING - AID

PUB. NO.: 2004-343536 [JP 2004343536 A]
PUBLISHED: December 02, 2004 (20041202)
INVENTOR(s): SHIBATA AKIHIDE
OGURA TAKAYUKI
IWATA HIROSHI
APPLICANT(s): SHARP CORP
APPL. NO.: 2003-139070 [JP 2003139070]
FILED: May 16, 2003 (20030516)

HEARING - AID

ABSTRACT

... To provide a low cost, highly reliable, and small data memory unit used in a **hearing - aid** .

SOLUTION: The **hearing - aid** comprises a data memory unit composed of a **plurality** of semiconductor **storage** elements. The semiconductor storage element comprises a semiconductor film arranged on a well region or...
... formed on the semiconductor film, a single gate electrode formed on the gate insulating film, **two memory** function material formed at both sides of the side wall of the single gate electrode...

12/3,K/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

06885288 **Image available**
AUXILIARY ARTIFICIAL CARDIAC MUSCLE

PUB. NO.: 2001-112796 [JP 2001112796 A]
PUBLISHED: April 24, 2001 (20010424)
INVENTOR(s): MARUYAMA SHIGENAO
TAKAGI TOSHIYUKI
YAMAYA TOMOYUKI
YAMADA MAKOTO
SATO MASAO
ZAMA SEIICHI
YAMAUCHI KIYOSHI
APPLICANT(s): MARUYAMA SHIGENAO
TOHOKU DENSHI SANGYO KK
APPL. NO.: 11-292727 [JP 99292727]
FILED: October 14, 1999 (19991014)

ABSTRACT

PROBLEM TO BE SOLVED: To reduce the size of an artificial **heart device** so as to lower a load to a patient and an electric power consumption.
SOLUTION: A motion element 11 is constructed by using a rod type shape **memory** alloy and a **plurality** of P-type Peltier elements and N-type Peltier elements serving as thermoelectric conversion elements...

12/3,K/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

06722359 **Image available**
ENVIRONMENTAL SOUND PRESENTING DEVICE AND ENVIRONMENTAL SOUND RECORDING
DEVICE TO BE USED FOR THE SAME

PUB. NO.: 2000-308197 [JP 2000308197 A]
PUBLISHED: November 02, 2000 (20001102)
INVENTOR(s): SAKAMOTO SHINICHI
APPLICANT(s): RION CO LTD
APPL. NO.: 11-113681 [JP 99113681]
FILED: April 21, 1999 (19990421)

ABSTRACT

... TO BE SOLVED: To provide an environmental sound presenting device capable of easily installing a **hearing aid** fitting on the job site and easily managing/ operating the fitting.

SOLUTION: This device is provided with an environmental sound file **storage** part 1 storing **plural** environmental sounds and an environmental sound signal selecting part 4 for selecting any one environmental...

... 2 and inputted through a calibrator 3 to an external input terminal 5b of a **hearing aid** 5.

COPYRIGHT: (C)2000,JPO

12/3,K/4 (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

05567394 **Image available**
HEARING AID

PUB. NO.: 09-182194 [JP 9182194 A]
PUBLISHED: July 11, 1997 (19970711)
INVENTOR(s): ISHIOROSHI RYUICHI
KONDOU REISHI
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 07-340826 [JP 95340826]
FILED: December 27, 1995 (19951227)

HEARING AID

ABSTRACT

PROBLEM TO BE SOLVED: To provide a **hearing aid** which can change the characteristic of a hearing and into that which a person installing...

...SOLUTION: Data stored in **plural storage** parts 21 are inputted to an interpolation means 22. When the data are hearing characteristics, a parameter required in a **hearing aid** parameter processing part 31 is calculated from the outputs of the interpolation means 22. When...

... change, they are transmitted to an operation control part 32 and the operation of the **hearing aid** 1 is changed. In the interpolation means 22, the ratio of interpolation is controlled by...

12/3,K/5 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016797877 **Image available**
WPI Acc No: 2005-122156/200513
Related WPI Acc No: 2005-101585; 2005-122155
XRPX Acc No: N05-105425

Customized hearing training method involves storing troublesome content identified based on hearing loss profile of individual, and amplification factor corresponding to individual, on data storage media

Patent Assignee: JOHNSON & JOHNSON CONSUMER CO INC (JOHJ)
Inventor: BURROWS M; CRONIN J; EDWARDS N; KUNZ J; SINGARAYAR J A
Number of Countries: 108 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200502433	A1	20050113	WO 2004US20387	A	20040624	200513 B

Priority Applications (No Type Date): US 2003482159 P 20030624

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200502433	A1	E 25	A61B-005/00	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ
CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ
NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG BW CH CY CZ DE DK EA EE ES FI FR
GB GH GM GR HU IE IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL
SZ TR TZ UG ZM ZW

Abstract (Basic):

... 2) digital **storage** medium including **multiple** hearing training word units...

...content for an individual. Enables the individual to quickly begin the training before using a **hearing aid** , thus minimizing the returning of **hearing aids** .

12/3,K/6 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013270877 **Image available**
WPI Acc No: 2000-442783/200038
XRPX Acc No: N00-330318

Air mover assembly for metal-air cell batteries, expands or contracts bellow that sucks or desorbs into and out of enclosure, through air diffusion limiting tubes in rigid plate and bellows

Patent Assignee: AER ENERGY RESOURCES INC (AERE-N)
Inventor: WITZIGREUTER J D; YOUNG J E
Number of Countries: 021 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200038267	A1	20000629	WO 99US29765	A	19991215	200038 B
US 6436564	B1	20020820	US 98216118	A	19981218	200257

Priority Applications (No Type Date): US 98216118 A 19981218

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200038267 A1 E 37 H01M-012/06

Designated States (National): CA JP

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU
MC NL PT SE

US 6436564 B1 H01M-012/06

Abstract (Basic):

... The expansion/contraction mechanism comprises **two** shape
memory alloy wires for expansion and contraction, that are extending
between rigid plate and fixed block...

...For e.g. zinc-air batteries used in **hearing aids** , camcorders,
cellular phones, laptop computers...

12/3,K/7 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

013204837 **Image available**

WPI Acc No: 2000-376710/200032

Related WPI Acc No: 2003-895266; 2004-166994; 2004-280237; 2004-280263;
2004-338586

XRAM Acc No: C00-114053

XRFX Acc No: N00-282827

**Test medium has test strip for biological sample and storing machine
readable code number and calibration data for activating associated
health monitoring device**

Patent Assignee: LIFESTREAM TECHNOLOGIES INC (LIFE-N)

Inventor: CLEGG K D; COAD C A; COAD N M; CONNOLLY J B; MAUS C T; MOODY J L;
NESBITT K A

Number of Countries: 091 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200028460	A2	20000518	WO 99US26521	A	19991108	200032 B
AU 200020231	A	20000529	AU 200020231	A	19991108	200041
EP 1133747	A2	20010919	EP 99963882	A	19991108	200155
			WO 99US26521	A	19991108	
CA 2350145	C	20050208	CA 2350145	A	19991108	200512
			WO 99US26521	A	19991108	
CA 2487232	A1	20000518	CA 2350145	A	19991108	200517
			CA 2487232	A	19991108	

Priority Applications (No Type Date): US 99144705 P 19990720; US 98107704 P
19981109

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200028460 A2 E 99 G06F-019/00

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200020231 A Based on patent WO 200028460

EP 1133747 A2 E Based on patent WO 200028460

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI

LU MC NL PT SE
CA 2350145 C E G06F-019/00 Based on patent WO 200028460
CA 2487232 A1 E G01N-033/48 Div ex application CA 2350145

Abstract (Basic):

... identification numbers respectively, the data on the two servers can only be correlated via removable **memory storage** devices storing **both** a patient and a medical record identification number...

...The device is used for blood cholesterol or glucose measurement, acquired immunodeficiency syndrome (**AIDS**) testing, **heart** monitoring, using tele-medicine...

12/3,K/8 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

012204421 **Image available**
WPI Acc No: 1999-010527/199902
XRPX Acc No: N99-007807

Digital hearing aid - includes buffer memory with individual memory segments, having different sample frequency and read frequency, so that certain frequency range of sound signal is shifted onto another frequency range

Patent Assignee: SIEMENS AUDIOLOGISCHE TECH GMBH (SIEI)

Inventor: BINDNER J; SIGWANZ U

Number of Countries: 004 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19720651	A1	19981126	DE 1020651	A	19970516	199902 B
DK 9800682	A	19981117	DK 98682	A	19980518	199947
US 6240195	B1	20010529	US 9879032	A	19980515	200132
DE 19720651	C2	20010712	DE 1020651	A	19970516	200139
CH 692882	A5	20021129	CH 98973	A	19980430	200282

Priority Applications (No Type Date): DE 1020651 A 19970516

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 19720651	A1		7	H04R-025/00	
DK 9800682	A			H04R-025/00	
US 6240195	B1			H04R-025/00	
DE 19720651	C2			H04R-025/00	
CH 692882	A5			H04R-025/00	

Digital hearing aid - ...

...includes buffer memory with individual memory segments, having different sample frequency and read frequency, so that certain frequency range of sound signal is shifted

...Abstract (Basic): The **hearing aid** includes different assembly groups for detecting, processing, as well as the adjustment of a sound...

...hearing capabilities of an user, in which a digital signal processing is performed in the **hearing aid** . A buffer memory is provided, which shifts and/or reproduces a certain frequency range onto...

12/3,K/9 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

011728242 **Image available**

WPI Acc No: 1998-145152/199813

Related WPI Acc No: 1993-196354; 1993-295498; 1994-092600; 1996-251324;
1996-286691; 1996-370894; 1996-392874

XRPX Acc No: N98-114895

**Digital potentiometer e.g. for volume adjustment in hearing aid - has
settings stored in nonvolatile memory , with both increment and
decrement operations carried out from single input e.g. pushbutton**

Patent Assignee: DALLAS SEMICONDUCTOR CORP (DALL-N)

Inventor: DEIERLING K E; SCHERPENBERG F A; ZANDERS G V

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5717935	A	19980210	US 90502267	A	19900330	199813 B
			US 90502269	A	19900330	
			US 90502469	A	19900330	
			US 92928507	A	19920811	
			US 95389840	A	19950210	

Priority Applications (No Type Date): US 92928507 A 19920811; US 90502267 A
19900330; US 90502269 A 19900330; US 90502469 A 19900330; US 95389840 A
19950210

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5717935	A		63	G06F-001/26	CIP of application US 90502267
					CIP of application US 90502269
					CIP of application US 90502469
					Div ex application US 92928507
					CIP of patent US 5218225
					CIP of patent US 5243535
					CIP of patent US 5297056
					Div ex patent US 5544063

Digital potentiometer e.g. for volume adjustment in hearing aid - ...

**...has settings stored in nonvolatile memory , with both increment and
decrement operations carried out from single input e.g. pushbutton**

12/3,K/10 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

011662175 **Image available**

WPI Acc No: 1998-079084/199808

XRPX Acc No: N98-063312

**DRAM device for battery powered portable system e.g. laptop computer -
has programmable signal controller including address generator and
reference register for determining which set of storage elements are to
be refreshed**

Patent Assignee: MOTOROLA INC (MOTI)

Inventor: BEN-ZVI J

Number of Countries: 029 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 820065	A2	19980121	EP 97110375	A	19970625	199808 B
JP 10069768	A	19980310	JP 97202436	A	19970711	199820

TW 331644	A	19980511	TW 97110014	A	19970715	199841
SG 53006	A1	19980928	SG 972347	A	19970702	199904
US 5875143	A	19990223	US 96683642	A	19960715	199915
			US 97976835	A	19971124	
KR 98011482	A	19980430	KR 9731352	A	19970707	199916
IL 121044	A	20000928	IL 121044	A	19970609	200063

Priority Applications (No Type Date): US 96683642 A 19960715; US 97976835 A 19971124

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 820065	A2	E	7	G11C-011/406	
Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI					
LT LU LV MC NL PT RO SE SI					
JP 10069768	A		7	G11C-011/406	
TW 331644	A			G11C-008/02	
SG 53006	A1			G11C-011/406	
US 5875143	A			G11C-007/00	Cont of application US 96683642
KR 98011482	A			G11C-011/407	
IL 121044	A			G11C-007/00	

...Abstract (Basic): The device comprises **several storage** elements (211), and a signal provider (260), for sending refresh signals (215) to the storage...

...USE - For e.g. portable computer game, cellular telephone, pager, **hearing aid**, solar or wind powered transmitter, remote earthquake or temperature sensor, emergency beacon and in satellite...

12/3,K/11 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011627568 **Image available**

WPI Acc No: 1998-044696/199805

XRPX Acc No: N98-035746

Programmable hearing aid system with optimal parameters set - has sets of parameters stored for different hearing situations and adaptor to select appropriate set

Patent Assignee: SIEMENS AUDIOLOGISCHE TECH GMBH (SIEI)

Inventor: HOLUBE I; WEINFURTNER O

Number of Countries: 006 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 814634	A1	19971229	EP 96110067	A	19960621	199805 B
US 6035050	A	20000307	US 97874456	A	19970617	200019
EP 814634	B1	20021002	EP 96110067	A	19960621	200272
DE 59609754	G	20021107	DE 509754	A	19960621	200274
			EP 96110067	A	19960621	

Priority Applications (No Type Date): EP 96110067 A 19960621

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 814634	A1	G	11	H04R-025/00	
Designated States (Regional): AT CH DE DK LI					
US 6035050	A			H04R-025/00	
EP 814634	B1	G		H04R-025/00	
Designated States (Regional): CH DE DK LI					
DE 59609754	G			H04R-025/00	Based on patent EP 814634

Programmable hearing aid system with optimal parameters set...

...Abstract (Basic): The system has a **hearing aid device** (10) and an adaptor **device** . The **hearing aid** (10) has an input convertor and an output convertor. It also has a signal processor...

...a particular hearing situation, for the signal processor device. An interface is provided between the **hearing aid** and the adaptor device...

...The adaptor device has a first **memory** for **several** selectable parameter sets for each of several **hearing** situations. An input **device** is provided to select a current situation and one of the sets of parameters for...

...the selectable parameter sets for each situation. The adaptor also has an interface to the **hearing aid** . The adaptor also has a control and processing device...

...ADVANTAGE - Ensures optimal user specific operation of **hearing aid** .

12/3,K/12 (Item 8 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
 (c) 2005 Thomson Derwent. All rts. reserv.

011373357 **Image available**
 WPI Acc No: 1997-351264/199732
 XRPX Acc No: N97-291068

SRAM MOS transistor memory cell operating method - writing information into memory element composed of two feedback coupled inverters connected to each other via selection transistor and word line

Patent Assignee: SIEMENS AG (SIEI)
 Inventor: BERTHOLD J; DRESEL J
 Number of Countries: 021 Number of Patents: 010
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9723878	A2	19970703	WO 96DE2394	A	19961212	199732	B
DE 19548053	A1	19970703	DE 1048053	A	19951221	199732	
WO 9723878	A3	19970821	WO 96DE2394	A	19961212	199746	
EP 868725	A2	19981007	EP 96946189	A	19961212	199844	
			WO 96DE2394	A	19961212		
TW 334567	A	19980621	TW 96115696	A	19961219	199845	
EP 868725	B1	19990602	EP 96946189	A	19961212	199926	
			WO 96DE2394	A	19961212		
DE 59602127	G	19990708	DE 502127	A	19961212	199933	
			EP 96946189	A	19961212		
			WO 96DE2394	A	19961212		
JP 11510300	W	19990907	WO 96DE2394	A	19961212	199947	
			JP 97523207	A	19961212		
US 5973965	A	19991026	WO 96DE2394	A	19961212	199952	
			US 9891713	A	19980622		
KR 99071492	A	19990927	WO 96DE2394	A	19961212	200048	
			KR 98703764	A	19980520		

Priority Applications (No Type Date): DE 1048053 A 19951221
 Patent Details:
 Patent No Kind Lan Pg Main IPC Filing Notes
 WO 9723878 A2 G 15 G11C-011/419
 Designated States (National): JP KR US

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC
NL PT SE

DE 19548053 A1 6 G11C-011/404
WO 9723878 A3 G11C-011/419
EP 868725 A2 G G11C-011/419 Based on patent WO 9723878

Designated States (Regional): DE FR GB IE IT NL

TW 334567 A G11C-011/404
EP 868725 B1 G G11C-011/419 Based on patent WO 9723878

Designated States (Regional): DE FR GB IE IT NL

DE 59602127 G G11C-011/419 Based on patent EP 868725
Based on patent WO 9723878

JP 11510300 W 12 G11C-011/41 Based on patent WO 9723878
US 5973965 A G11C-007/00 Based on patent WO 9723878
KR 99071492 A G11C-011/419 Based on patent WO 9723878

... writing information into memory element composed of two feedback
coupled inverters connected to each other via selection transistor and
word line

...Abstract (Basic): USE/ADVANTAGE - Digital hearing aid . Low switching
activity of bit lines while maintaining functionality at low supply
voltages. Can be...

12/3,K/13 (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

009256003 **Image available**
WPI Acc No: 1992-383416/199247
XRPX Acc No: N92-292357

**Energy conservation device for monitoring patients heart muscle
electrical activity - comprises contacts and signal processing unit
including analog processor, A-D converter and memory**

Patent Assignee: CALIBER MEDICAL CORP (CALI-N)

Inventor: BIBLE C T

Number of Countries: 010 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 513458	A1	19921119	EP 91310770	A	19911122	199247 B
AU 9186096	A	19921119	AU 9186096	A	19911022	199302
CA 2054826	A	19921118	CA 2054826	A	19911101	199306
US 5226424	A	19930713	US 91701799	A	19910517	199329
AU 643646	B	19931118	AU 9186096	A	19911022	199402
CA 2054826	C	19951205	CA 2054826	A	19911101	199610

Priority Applications (No Type Date): US 91701799 A 19910517

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 513458 A1 E 12 A61B-005/0452

Designated States (Regional): DE ES FR GB IT NL SE

US 5226424 A 9 A61B-005/04

AU 643646 B A61B-005/0452 Previous Publ. patent AU 9186096

AU 9186096 A A61B-005/0452

CA 2054826 A A61B-005/040

CA 2054826 C A61B-005/04

**Energy conservation device for monitoring patients heart muscle
electrical activity...**

...Abstract (Equivalent): then converted to three distinct digital data sets. The first of which is stored in **memory** , while the remaining **two** are processed in the microprocessor to determine ST segment characteristics useful in diagnosing myocardial ischemia...

12/3,K/14 (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

008044233 **Image available**

WPI Acc No: 1989-309345/198942

XRPX Acc No: N89-235711

Emergency heart monitoring and transmission device - allows patient to transmit electrical activity of heart over telephone line to obtain advice on self administered treatment

Patent Assignee: SURVIVAL TECHN INC (SURV-N)

Inventor: GREENWOLD D J; REINHOLD H E

Number of Countries: 015 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 8909020	A	19891005	WO 89US1146	A	19890324	198942 B
US 4862896	A	19890905	US 88172840	A	19880325	198945
AU 8934270	A	19891016				199008
IL 89708	A	19930708	IL 89708	A	19890322	199335

Priority Applications (No Type Date): US 88172840 A 19880325

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 8909020	A	E	19		
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Designated States (National): AU JP KR

Designated States (Regional): AT BE CH DE FR GB IT LU NL SE

US 4862896	A	7			
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IL 89708	A		A61B-005/04		
----------	---	--	-------------	--	--

Emergency heart monitoring and transmission device -

...Abstract (Basic): emergency heart monitor (10) consists of a portable housing (12) accommodating an electrical circuit with **memory** and a loudspeaker. **Two** detachable electrodes (20) with cables (22) are retained in recesses formed at the back of...

?